

Table 6  
Draft MicroVac Analytical Results  
Fruitland Magnesium Fire  
Maywood, Los Angeles County, California

Parameters	Home:	Ex. 6 - Personal Privacy Indoor Air	Ex. 6 - Personal Privacy Indoor Air	Ex. 6 - Personal Privacy Indoor Air	Ex. 6 - Personal Privacy Indoor Air	Ex. 6 - Personal Privacy Indoor Air	Ex. 6 - Personal Privacy Indoor Air	Ex. 6 - Personal Privacy Indoor Air
	Field Sample ID:	MWF-VAC-001	MWF-VAC-002	MWF-VAC-003	MWF-VAC-005	MWF-VAC-201	MWF-VAC-203	MWF-VAC-204
	Sample Date:	6/26/2016	6/26/2016	6/30/2016	7/1/2016	6/28/2016	6/28/2016	6/28/2016
	Laboratory Job Number:	82856	82856	82950	82949	82873	82873	82873
	Adult / Child / Duplicate:							
	Units							
Metals / NIOSH-7303(M)								
Aluminum	µg/m <sup>2</sup>	92.8	57	31.8 *	154.6	8.46 *	93.2 *	35.4 *
Antimony	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Arsenic	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Barium	µg/m <sup>2</sup>	12	7.78	1.7	14.22	6.02	10.6	5.54
Beryllium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Cadmium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Calcium	µg/m <sup>2</sup>	19.4	15.6	ND<0.075 *	800	30 *	346 *	112 *
Chromium	µg/m <sup>2</sup>	64	7.6	1.76	1.92	ND<0.075	ND<0.075	ND<0.075
Cobalt	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Copper	µg/m <sup>2</sup>	2.06	ND<0.075	ND<0.075	3.54	9.94	ND<0.075	ND<0.075
Iron	µg/m <sup>2</sup>	31.6	246	ND<0.075	ND<0.075	ND<0.075	138.8	45.2
Lead	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	4.54	ND<0.075	ND<0.075	ND<0.075
Magnesium	µg/m <sup>2</sup>	622	46	460	41.2 *	606 *	316 *	316 *
Manganese	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Molybdenum	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Nickel	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Potassium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	78	23.4
Selenium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Sodium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075 *	ND<0.075	92	ND<0.075	130
Thallium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Vanadium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Zinc	µg/m <sup>2</sup>	20.4	22.8	4.64	19.66	5.86	19.7	8.28

Notes:  
**Bold** results exceed applicable limits for characteristic hazardous wastes.  
ND<X = constituents(s) not detected at or above method detection limit  
\* = Target analyte was detected in the batch field blank(s) and subtracted by the field blank concentration per NIOSH Method 7300  
µg/m<sup>2</sup> = microgram per square meter

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	Field Sample ID:	MWF-VAC-215	MWF-VAC-216	MWF-VAC-217	MWF-VAC-218	MWF-VAC-219	MWF-VAC-220	MWF-VAC-221
	Sample Date:	6/30/2016	6/30/2016	6/30/2016	6/30/2016	6/30/2016	6/30/2016	6/30/2016
	Laboratory Job Number:	82950	82950	82950	82950	82950	82950	82950
	Adult / Child / Duplicate:							
	Units							
Metals / NIOSH-7303(M)								
Aluminum	µg/m <sup>2</sup>	ND<0.075 *	98.6 *	5.9 *	ND<0.075 *	8 *	76 *	1.64 *
Antimony	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Arsenic	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Barium	µg/m <sup>2</sup>	ND<0.075	10.86	2.82	ND<0.075	ND<0.075	82.8	16.92
Beryllium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Cadmium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Calcium	µg/m <sup>2</sup>	ND<0.075 *	260 *	31.6 *	ND<0.075 *	ND<0.075 *	1134 *	410 *
Chromium	µg/m <sup>2</sup>	ND<0.075	1.86	2.16	ND<0.075	1.92	2.82	2.32
Cobalt	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Copper	µg/m <sup>2</sup>	ND<0.075	2.62	ND<0.075	ND<0.075	ND<0.075	12.28	3.76
Iron	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	410	248
Lead	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	3.66	2.36
Magnesium	µg/m <sup>2</sup>	ND<0.075	810	128	46	29.4	1286	496
Manganese	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	15.9	6.76
Molybdenum	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Nickel	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Potassium	µg/m <sup>2</sup>	63.4	40.4	ND<0.075	ND<0.075	11.36	147	145.6
Selenium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Sodium	µg/m <sup>2</sup>	ND<0.075 *	27.4 *	19.4 *	ND<0.075 *	21.4 *	ND<0.075	ND<0.075
Thallium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Vanadium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	2.56	1.76	ND<0.075
Zinc	µg/m <sup>2</sup>	ND<0.075	12.84	ND<0.075	ND<0.075	3.48	70.4	23

Notes:  
Bold results exceed applicable limits for chara  
ND<X = constituents(s) not detected at or abc  
\* = Target analyte was detected in the batch fi  
µg/m<sup>2</sup> = microgram per square meter

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Parameters	Home:	Ex. 6 - Personal Privacy	Indoor Air	Ex. 6 - Personal Privacy	Indoor Air	Ex. 6 - Personal Privacy	Indoor Air	Ex. 6 - Personal Privacy	Indoor Air	Ex. 6 - Personal Privacy	Ex. 6 - Personal Privacy	Ex. 6 - Personal Privacy
	Field Sample ID:	MWF-VAC-222	MWF-VAC-223	MWF-VAC-300	MWF-VAC-301	MWF-VAC-302	MWF-VAC-303	MWF-VAC-304				
	Sample Date:	6/30/2016	6/30/2016	6/30/2016	6/30/2016	7/1/2016	7/1/2016	7/1/2016				
	Laboratory Job Number:	82950	82950	82950	82950	82949	82949	82949				
	Adult / Child / Duplicate:											
	Units											
Metals / NIOSH-7303(M)												
Aluminum	µg/m <sup>2</sup>	127.6 *	133 *	146 *	274 *	56	14.5	202				
Antimony	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Arsenic	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Barium	µg/m <sup>2</sup>	9.96	5.56	8.16	7.82	ND<0.075	ND<0.075	8.76				
Beryllium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Cadmium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Calcium	µg/m <sup>2</sup>	44 *	438 *	468 *	788 *	346	88.6	1056				
Chromium	µg/m <sup>2</sup>	76	2.36	2.42	2.42	ND<0.075	ND<0.075	2.36				
Cobalt	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Copper	µg/m <sup>2</sup>		2.94	3.54	3.26	2.8	ND<0.075	4.88				
Iron	µg/m <sup>2</sup>		238	238	416	ND<0.075	ND<0.075	344				
Lead	µg/m <sup>2</sup>			1.68	3.98	ND<0.075	ND<0.075	2.48				
Magnesium	µg/m <sup>2</sup>		148	216	35.6	382	11.96	191				
Manganese	µg/m <sup>2</sup>		2.06	2.06	2.06	ND<0.075	ND<0.075	7.3				
Molybdenum	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Nickel	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Potassium	µg/m <sup>2</sup>	78	130.6	16	2	50	ND<0.075	218				
Selenium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Sodium	µg/m <sup>2</sup>	ND<0.075	ND<0.075 *	ND<0.075 *	ND<0.075	124.6	78.6	63.6				
Thallium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075				
Vanadium	µg/m <sup>2</sup>	ND<0.075	1.52	ND<0.075	13.76	ND<0.075	ND<0.075	ND<0.075				
Zinc	µg/m <sup>2</sup>	18.18	18.48	16.38	22.4	6.2	ND<0.075	25.8				

Notes:  
Bold results exceed applicable limits for chara  
ND<X = constituents(s) not detected at or abc  
\* = Target analyte was detected in the batch fi  
µg/m<sup>2</sup> = microgram per square meter

Table 6  
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Parameters	Home:	Ex. 6 - Personal Privacy						
	Field Sample ID:	MWF-VAC-305	MWF-VAC-306	MWF-VAC-307	MWF-VAC-308	MWF-VAC-309	MWF-VAC-310	MWF-VAC-311
	Sample Date:	7/1/2016	7/1/2016	7/1/2016	7/1/2016	7/1/2016	7/1/2016	7/1/2016
	Laboratory Job Number:	82949	82949	82949	82954	82954	82954	82954
	Adult / Child / Duplicate:							
	Units							
Metals / NIOSH-7303(M)								
Aluminum	µg/m <sup>2</sup>	7	218	4.06	15.68	21.2	13.62	19.94
Antimony	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Arsenic	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Barium	µg/m <sup>2</sup>	ND<0.075	8.36	ND<0.075	ND<0.075	2.16	ND<0.075	ND<0.075
Beryllium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Cadmium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Calcium	µg/m <sup>2</sup>	65.6	596	48	95	121	103	147
Chromium	µg/m <sup>2</sup>	ND<0.075	2.46	ND<0.075	1.68	ND<0.075	1.98	1.9
Cobalt	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Copper	µg/m <sup>2</sup>	ND<0.075	3.72	ND<0.075	ND<0.075	2.1	ND<0.075	ND<0.075
Iron	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	25.4		30.4	46.4
Lead	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Magnesium	µg/m <sup>2</sup>		238	8.36	65.8	64.8	43.6	36
Manganese	µg/m <sup>2</sup>	ND<0.075	9.1	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Molybdenum	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Nickel	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Potassium	µg/m <sup>2</sup>	ND<0.075	322	ND<0.075	ND<0.075	ND<0.075	5.74	48.8
Selenium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Sodium	µg/m <sup>2</sup>	63.6	ND<0.075	48	81.4	70.4	144.4	127.6
Thallium	µg/m <sup>2</sup>	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Vanadium	µg/m <sup>2</sup>	ND<0.075	2	ND<0.075	ND<0.075	ND<0.075	ND<0.075	ND<0.075
Zinc	µg/m <sup>2</sup>	ND<0.075	20.2	ND<0.075	2.8	4.7	3.44	4.5

Notes:  
**Bold** results exceed applicable limits for chara  
ND<X = constituents(s) not detected at or abc  
\* = Target analyte was detected in the batch fi  
µg/m<sup>2</sup> = microgram per square meter

Table 6  
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	Home:	Ex. 6 - Personal Privacy
	Field Sample ID:	MWF-VAC-324
	Sample Date:	7/1/2016
	Laboratory Job Number:	82954
	Adult / Child / Duplicate:	
	Parameters	Units
Metals / NIOSH-7303(M)		
Aluminum	µg/m <sup>2</sup>	154.8
Antimony	µg/m <sup>2</sup>	ND<0.075
Arsenic	µg/m <sup>2</sup>	ND<0.075
Barium	µg/m <sup>2</sup>	56.2
Bismuth	µg/m <sup>2</sup>	ND<0.075
Boron	µg/m <sup>2</sup>	ND<0.075
Calcium	µg/m <sup>2</sup>	6780
Chromium	µg/m <sup>2</sup>	7.6
Cobalt	µg/m <sup>2</sup>	ND<0.075
Copper	µg/m <sup>2</sup>	34.8
		1978
		29.4
Magnesium		104
Manganese	µg/m <sup>2</sup>	
Molybdenum	µg/m <sup>2</sup>	ND<0.075
Nickel	µg/m <sup>2</sup>	
Potassium	µg/m <sup>2</sup>	
Selenium	µg/m <sup>2</sup>	ND<0.075
Sodium	µg/m <sup>2</sup>	98
Thallium	µg/m <sup>2</sup>	ND<0.075
Vanadium	µg/m <sup>2</sup>	4.14
Zinc	µg/m <sup>2</sup>	199.4

Notes:  
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µg/m<sup>2</sup> = microgram per square meter